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New intermediates for epothilone - used as fungicides and cytotoxic agents against e.g. breast and colon cancer cell lines

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19726627	A1	19981224	DE 1026627	A	19970617	199906 B

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Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19726627	A1	18	C07D-319/06	

Abstract (Basic): DE 19726627 A

Compounds of formula (I), (II) and intermediates for them are new.
R1 = H, 1-6C alkyl or benzyl; X = OH, halo, SO2Ph, SO2B or a group of formula (i); R2 = H or Me; B = 1-4C alkyl or 1-4C perfluoroalkyl; n = 0 or 1; Y = OH, Br or I; R3 = H or Me; R4 = chelatable protecting group; and R5 = 1-4C alkyl.

USE - (I) and (II) are intermediates for epothilone A and B which have fungicidal and cytotoxic activity e.g. against breast and colon cancer cell lines (see DE 4138042).

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Derwent Class: B03; B05; C02; C03

International Patent Class (Main): C07D-319/06

International Patent Class (Additional): C07C-049/255; C07C-059/215;

C07C-317/46; C07D-417/06; C07D-493/04; C07F-007/08

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